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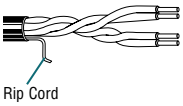
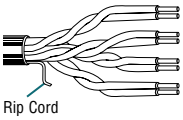
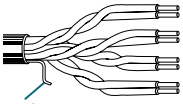
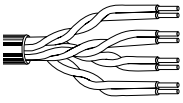
DataTwist® 5e UTP Cable

TIA/EIA-568-B.2, Category 5e Unbonded-Pair Cables

DATATWIST®

Jameco Part Number 234092 (1585-877-100)

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Pairs	Standard Lengths		Standard Unit Wt.		Insulation Thickness		Nominal OD		Max. DCR (Ω/ 100m)	Max. DCR Unbal. (%)	Max. Cap. Unbal. (pF/ 100m)	Freq. (MHz)	Max. Atten. (dB/ 100m)	Min. PSUM NEXT (dB)	Min. PSUM ACR (dB/ 100m)	Min. PSUM ELFEXT (dB/ 100m)	Input Imped. (Ω)	Min. RL (dB)
				Ft.	m	Lbs.	kg	Inch	mm	Inch	mm										
24 AWG Solid Bare Copper • Twisted Pairs • Rip Cord • See Color Code Chart (below)																					
Plenum • FEP Teflon® Insulation • Flamarrest® Jacket (Available in Natural, Blue, Red, Orange, Yellow, Green, Gray, Black or Pink)																					
 Rip Cord	**1590A**	NEC:	2	1000*	304.8	16.0	7.3	.007	.18	.175	4.44	9.38	5.0	330	1	2.0	62.3	60	60.8	100±15	20.0
		CMP		3000*	914.6	45.0	20.5								10	6.5	47.3	41	40.8	100±15	25.0
		CEC:													16	8.2	44.3	36	36.7	100±15	25.0
		CMP FT6													31.25	11.7	39.9	28	30.9	100±15	23.6
															62.5	17.0	35.5	19	24.8	100±15	21.5
															100	22.0	32.3	11	20.8	100±15	20.1
*1000 ft. put-up available in Natural or Blue only. 3000 ft. put-up available in Natural only.																					
 Rip Cord	**1585A**	NEC:	4	U-1000	U-304.8	23.0	10.5	.007	.18	.200	5.08	9.38	3.0	330	1	2.0	62.3	60.0	60.8	100±15	20.0
		CMP		1000	304.8	23.0	10.5								4	4.1	53.3	49.0	48.7	100±15	23.0
		CEC:		3000†	914.6	69.0	31.4								10	6.5	47.3	41.0	40.8	100±15	25.0
		CMP FT6													16	8.2	44.3	36.0	36.7	100±15	25.0
															31.25	11.7	39.9	28.0	30.9	100±15	23.6
															62.5	17.0	35.4	19.0	24.8	100±15	21.5
															100	22.0	32.3	11.0	20.8	100±15	20.1
															200	32.0	27.8	1.0	14.7	100±25	15.0
†3000 ft. put-up available in Natural or Blue only. Jacket sequentially marked at 2 ft. intervals. Third party verified to TIA/EIA-568-B.2, Category 5e																					
Plenum • FEP Teflon Insulation • Fluorescent Pink Flamarrest Jacket																					
DataBrite®  Rip Cord	**1585B**	NEC:	4	1000	304.8	24.0	10.9	.007	.18	.200	5.08	9.38	3.0	330	1	2.0	62.3	60.0	60.8	100±15	20.0
		CMP													4	4.1	53.3	49.0	48.7	100±15	23.0
		CEC:													10	6.5	47.3	41.0	40.8	100±15	25.0
		CMP FT6													16	8.2	44.3	36.0	36.7	100±15	25.0
															31.25	11.7	39.9	28.0	30.9	100±15	23.6
															62.5	17.0	35.4	19.0	24.8	100±15	21.5
															100	22.0	32.3	11.0	20.8	100±15	20.1
															200	32.0	27.8	1.0	14.7	100±25	15.0
Jacket sequentially marked at 2 ft. intervals. Third party verified to TIA/EIA-568-B.2, Category 5e																					
Plenum • FEP Teflon Insulation • FEP Jacket (Available in Blue or White)																					
	**1585LC**** new	NEC: Limited Combustible FHC 25/50 CMP	4	U-1000	U-304.8	23.0	10.5	.007	.18	.184	4.67	9.38	3.0	330	1	2.0	62.3	60.0	60.8	100±15	20.0
				1000	304.8	23.0	10.5								4	4.1	53.3	49.0	48.7	100±15	23.0
															10	6.5	47.3	41.0	40.8	100±15	25.0
															16	8.2	44.3	36.0	36.7	100±15	25.0
															31.25	11.7	39.9	28.0	30.9	100±15	23.6
															62.5	17.0	35.4	19.0	24.8	100±15	21.5
															100	22.0	32.3	11.0	20.8	100±15	20.1
															200	32.0	27.8	1.0	14.7	100±25	15.0
		CEC: CMP FT6																			
**1585LC does not have a rip cord. Jacket sequentially marked at 2 ft. intervals. Third party verified to TIA/EIA-568-B.2, Category 5e																					

ACR = Attenuation Crosstalk Ratio • DCR = DC Resistance • ELFEXT = Equal Level Far-end Crosstalk • NEXT = Near-end Crosstalk • PSUM = Power Sum • RL = Return Loss • UTP = Unshielded Twisted Pair(s)

Color Codes: DataTwist 5e

Pair No.	Color Combination
1	White/Blue Stripe & Blue
2	White/Orange Stripe & Orange
3	White/Green Stripe & Green
4	White/Brown Stripe & Brown

Teflon is a DuPont trademark.